# Eye Diagram Tester Instructions

## Overview

This is a guide to the CableEye reference materials to consult when learning how to set-up, operate, problem-solve, and train personnel. If you are a new User of CableEye test equipment, we highly recommend that you refer to the materials in the order displayed in the table. These documents represent the CableEye User's Manual included on the installation drive with every new tester purchase. Most users find our software so intuitive that they never read their Manual. However, should you ever need some help, you will find the Manual easy to read with ample. In the oscilloscope, an eye diagram is often used to analyze signal quality. You can diagnose problems, such as attenuation, noise, jitter, and dispersion that arise or characterize specific parts of the system with one display. An eye diagram is an effective graphical method for evaluating the quality of a digital pattern.

# Eye Diagram Tester Instructions

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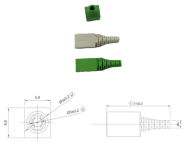
|---|---|
|  | Tester EPS04 described here is an optimized set-up to conduct a comprehensive study of eye patterns or eye diagrams of a fiber optic digital transmission system. |
|  | In the oscilloscope, an eye diagram is often used to analyze signal quality. You can diagnose problems, such as attenuation, noise, jitter, and dispersion that arise or characterize specific parts of the system ... |
|  | A high-quality eye diagram on the PicoSample screen can be obtained in two ways. The first method is available when measuring data pattern is fed to the channel input, and it is also ... |
|  | These documents represent the CableEye User''s Manual included on the installation drive with every new tester purchase. Most users find our software so intuitive that they never read their Manual. |
|  | This guide is a step-by-step introduction to using the CableEye cable tester. |


For the test instrument, the clock signal of the signal is first recovered from the signal to be tested, and then the eye diagram is superimposed according to the clock reference, and finally ...



The operation of compliance test software may vary depending on the oscilloscope vendor; please refer to the oscilloscope vendor''s user documentation for detailed instructions on performing the eye ...

The purpose of this test group is to verify that the eye diagram is within the specification limits using the SigTest DLL provided by the USB-IF and integrated into the oscilloscope soft ware.

Learn how to construct an eye diagram via common methods of triggering used in electrical engineering to gain more insight to transmitters, channels and receivers.

Discover how to design, test & document cables, harnesses & more with CableEye continuity & HiPot test systems. Video demonstrations with live examples.

## Contact Us

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